

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in the application.

1. (Currently Amended): A lens array sheet having a plurality of pyramid-shaped recesses on a surface of its transparent base material film, said plurality of pyramid-shaped recesses condense light from a backlight of a display device,

wherein a width “s” between adjacent recesses is more than 0% and not more than 50% of a length “a” of one side of the bottom surface of the recess.

2. (Original): The lens array sheet as set forth in claim 1, wherein a bottom surface of the pyramid shape is a rectangular or square shape satisfying a relationship of (length “a” of one side) \leq (length “b” of other side) $\leq 10a$.

3. (Original): The lens array sheet as set forth in claim 2, wherein the length “a” of one side of the bottom surface of the pyramid shape is 0.1 μm to 20 μm .

4. (Original): The lens array sheet as set forth in claim 3, wherein a height “c” of the pyramid shape is $0.2a \leq c \leq 2a$ with respect to the length “a”.

5. (Cancelled).

6. (Original): The lens array sheet as set forth in claim 1, wherein a base angle θ of side surfaces of the pyramid shape is 20° to 80° .

7. (Original): The lens array sheet as set forth in claim 1, wherein the transparent base material film is composed substantially of an alicyclic olefin resin.

8. (Original): The lens array sheet as set forth in claim 7, wherein the alicyclic olefin resin is a norbornene based polymer or a vinyl alicyclic hydrocarbon polymer.

9. (Original): The lens array sheet as set forth in claim 1 produced by injection molding using a mold having pyramid-shaped projections or recesses on its surface.

10. (Previously Presented): A mold providing the lens array sheet as set forth in claim 1, made by a metal layer and provided with pyramid shaped projections on its surface, wherein said metal layer is obtained by forming a metal layer on said pattern of a substrate formed with a pyramid-shaped concave pattern and peeling the metal layer from the substrate.

11. (Original): The mold as set forth in claim 10, wherein
as the substrate formed with a pyramid-shaped concave pattern, a mold made by silicon
formed by

(1) a step of forming a positive type resist pattern on a silicon wafer formed on its surface with a silicon oxide layer,

(2) a step of forming a silicon oxide pattern by performing etching on the silicon oxide layer by an etching solution containing hydrofluoric acid by using the resist pattern as a mask,

(3) a step of removing the resist pattern and performing anisotropic etching on the silicon wafer surface by an alkaline solution to form pyramid-shaped recesses, and

(4) a step of removing the silicon oxide pattern by an etching solution containing hydrofluoric acid 0

is used.

12. (Original): A mold made by a metal layer and provided with pyramid shaped projections on its surface, wherein

said metal layer is obtained, by using the mold as set forth in claim 10 or 11, by forming a metal layer on a surface of the mold and peeling the metal layer from the mold.

13. (Original): A light condensing plate composed of a lens array sheet as set forth in claim 1.

14. (Original): An organic electroluminescence element, comprising
a transparent substrate composed of a lens array sheet as set forth in claim 1,
a transparent electrode layer stacked on the transparent substrate,

an organic electroluminescence material layer stacked on the transparent electrode layer,
and
a metal electrode layer stacked on the organic electroluminescence material layer.

15. (Original): A display device comprising an organic electroluminescence element as set forth in claim 14.

16. (New): A lens array sheet having a plurality of pyramid-shaped recesses on a surface of its transparent base material film,

said plurality of pyramid-shaped recesses condense a light from an organic electroluminescence material layer of a display device,

wherein a width “s” between adjacent recesses is more than 0% and not more than 50% of a length “a” of one side of the bottom surface of the recess.